



06 - 30 03

2697A

JENKINS  
WILSON  
& TAYLOR

June 27, 2003

RICHARD E. JENKINS

JEFFREY L. WILSON

ARLES A. TAYLOR, JR.

DAVID P. GLOEKLER

GREGORY A. HUNT

E. ERIC MILLS

BENTLEY J. OLIVE

CHRIS PERKINS, PH.D.\*

JAMES DALY IV, PH.D.\*\*

OF COUNSEL  
SOROJINI BISWAS"Express Mail" mailing number: ER237497779USDate of Deposit June 27, 2003

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Shaylor E. Dunn

RECEIVED

JUL 02 2003

Technology Center 2600

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: U.S. Patent Application Serial No. 09/443,712 for METHODS AND SYSTEMS FOR COMMUNICATING SIGNALING SYSTEM 7 (SS7) USER PART MESSAGES AMONG SS7 SIGNALING POINTS (SPs) AND INTERNET PROTOCOL (IP) NODES USING SIGNAL TRANSFER POINTS (STPs)  
Our File No. 1322/8

Sir:

Please find enclosed in connection with the subject U.S. patent application the following documents:

1. An Amendment A (13 pages);
2. An Amendment Transmittal (2 pages) in duplicate;
3. Petition for Extension of Time (Form PTO/SB/22, 2 pages) in duplicate;
4. Fee Transmittal (Form PTO/SB/17) in duplicate;
5. A Supplemental Information Disclosure Statement (2 pages);
6. Forms PTO/SB/08A and PTO/SB/08B in duplicate;
7. Copies of five (5) cited references;

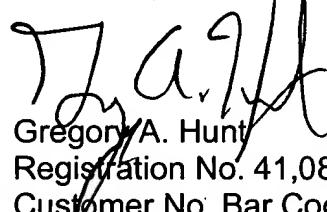
Commissioner for Patents  
June 27, 2003  
Page 2

8. Copies of previously filed, unacknowledged Information Disclosure Statements;
9. Copies of an Affidavit under 37 C.F.R. § 1.132, a Curriculum Vitae of the Affiant, and email dated July 26, 2000, evidencing of commercial success of the claimed invention;
10. A return-receipt postcard to be returned to us with the U.S. Patent and Trademark Office filing stamp thereon; and
11. A Certificate of Express Mail No.: ER237497779US.

The Commissioner is hereby authorized to charge any fees associated with the filing of this correspondence to Deposit Account No. 50-0426.

Respectfully submitted,

JENKINS, WILSON & TAYLOR, P.A.

  
Gregory A. Hunt  
Registration No. 41,085  
Customer No. Bar Code Label:



25297

PATENT TRADEMARK OFFICE

GAH/sed

Enclosures



PATENT

Practitioner's Docket No. 1322/8

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Sprague et al.

Application No.: 09/443,712

Filed: 11/19/1999

For: METHOD AND SYSTEMS FOR COMMUNICATING SIGNALING SYSTEM 7 (SS7) USER PART MESSAGES AMONG SS7 SIGNALING POINTS (SPs) AND INTERNET PROTOCOL (IP) NODES USING SIGNAL TRANSFER POINTS (STPs)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Group No.: 2697

Examiner: Lee, T. L.

RECEIVED

JUL 02 2003

Technology Center 2600

AMENDMENT TRANSMITTAL

STATUS

1. Transmitted herewith is an amendment for this application.

2. Applicant is other than a small entity.

EXTENSION OF TERM

3. The proceedings herein are for a patent application and the provisions of 37 C.F.R. 1.136 apply. Applicant petitions for an extension of time under 37 C.F.R. 1.136 (fees: 37 C.F.R. 1.17(a)(1)-(4)) for one month:

Fee: \$110.00

---

CERTIFICATION UNDER 37 C.F.R. §§ 1.8(a) and 1.10\*

(When using Express Mail, the Express Mail label number is **mandatory**;  
Express Mail certification is optional.)

I hereby certify that, on the date shown below, this correspondence is being:

MAILING

deposited with the United States Postal Service in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

37 C.F.R. § 1.10\*

with sufficient postage as first class mail.

as "Express Mail Post Office to Addressee"  
Mailing Label No. ER237497779US (**mandatory**)

TRANSMISSION

facsimile transmitted to the Patent and Trademark Office, (703) \_\_\_\_\_.

  
\_\_\_\_\_  
Signature

Date: June 27, 2003

Shaylor E. Dunn

(type or print name of person certifying)

\* Only the date of filing (§ 1.6) will be the date used in a patent term adjustment calculation, although the date on any certificate of mailing or transmission under § 1.8 continues to be taken into account in determining timeliness. See § 1.703(f). Consider "Express Mail Post Office to Addressee" (§ 1.10) or facsimile transmission (§ 1.6(d)) for the reply to be accorded the earliest possible filing date for patent term adjustment calculations.

## FEE FOR CLAIMS

4. The fee for claims (37 C.F.R. 1.16(b)-(d)) has been calculated as shown below:

(Col. 1)	(Col. 2)	(Col. 3)	OTHER THAN A SMALL ENTITY				
CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE			ADDIT. FEE	
TOTAL	24	-	78	=	0	x \$ 18.00 =	\$ 0.00
INDEP.	2	-	10	=	0	x \$ 84.00 =	\$ 0.00
<u>FIRST PRESENTATION OF MULTIPLE DEP. CLAIM</u>					+ \$ 0.00 =	\$ 0.00	
					TOTAL ADDIT. FEE	\$ RECEIVED	

No additional fee for claims is required.

JUL 02 2003

**FEE PAYMENT**

Technology Center 2600

5. Authorization is hereby made to charge the amount of \$290.00 (Extension of Term fee, \$110.00 and Supplemental Information Disclosure Statement fee, \$180.00) to Deposit Account No. 50-0426.

Charge any additional fees required by this paper or credit any overpayment in the manner authorized above.

A duplicate of this paper is attached.

Date: June 27, 2003

Reg. No.: 41,085

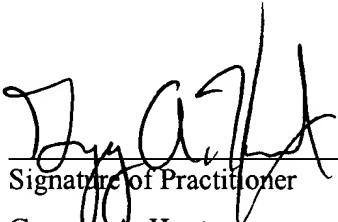
Tel. No.: 001-919-493-8000

Customer No. Bar Code Label:

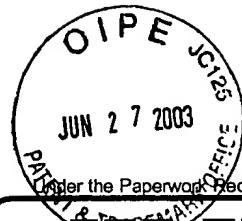


25297

PATENT TRADEMARK OFFICE

  
Signature of Practitioner

Gregory A. Hunt  
JENKINS, WILSON & TAYLOR, P.A.  
Suite 1400 University Tower  
3100 Tower Boulevard  
Durham, NC 27707  
USA



PTO/SB/17 (05-03)

Approved for use through 04/30/2003. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 290.00)

## Complete if Known

Application Number	09/443,712
Filing Date	November 19, 1999
First Named Inventor	David M. Sprague
Examiner Name	Lee, T. L.
Art Unit	2697
Attorney Docket No.	1322/8

RECEIVED

JUL 02 2003

Technology Center 2600

## METHOD OF PAYMENT (check all that apply)

 Check  Credit card  Money Order  Other  None
 Deposit Account:

Deposit Account Number **50-0426**  
 Deposit Account Name **Jenkins & Wilson, P.A.**

The Commissioner is authorized to: (check all that apply)  
 Change fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 750	2001 375	Utility filing fee	
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
<b>SUBTOTAL (1)</b>		<b>(\$ 0.00)</b>	

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	-20** =	X	=
Multiple Dependent	-3** =	X	=

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 84	2201 42	Independent claims in excess of 3
1203 280	2203 140	Multiple dependent claim, if not paid
1204 84	2204 42	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
<b>SUBTOTAL (2)</b>		<b>(\$ 0.00)</b>

\*\*or number previously paid, if greater; For Reissues, see above

## 3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 410	2252 205	Extension for reply within second month	
1253 930	2253 465	Extension for reply within third month	
1254 1,450	2254 725	Extension for reply within fourth month	
1255 1,970	2255 985	Extension for reply within fifth month	
1401 320	2401 160	Notice of Appeal	
1402 320	2402 160	Filing brief in support of an appeal	
1403 280	2403 140	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,300	2453 650	Petition to revive - unintentional	
1501 1,300	2501 650	Utility issue fee (or reissue)	
1502 470	2502 235	Design issue fee	
1503 630	2503 315	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 750	2809 375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 750	2810 375	For each additional invention to be examined (37 CFR 1.129(b))	
1801 750	2801 375	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	
<b>Other fee (specify)</b>			
*Reduced by Basic Filing Fee Paid		<b>SUBTOTAL (3)</b>	
		<b>(\$ 290.00)</b>	

(Complete if applicable)

Name (Print/Type)	Gregory A. Hunt	Registration No. (Attorney/Agent)	41,085	Telephone	001-919-493-8000
Signature	<i>Gregory A. Hunt</i>			Date	June 27, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



## Addendum

Attachment 1

METHOD AND SYSTEMS FOR COMMUNICATING SIGNALING SYSTEM 7 (SS7)  
USER PART MESSAGES AMONG SS7 SIGNALING POINTS (SPs) AND INTERNET  
PROTOCOL (IP) NODES USING SIGNAL TRANSFER POINTS (STPs)